

Position indicators

PI 24-39

Position Indicators are used to indicate the position of circuit breakers and isolators and is available with different type of symbols as bar, angle and disconnector.

A moving magnet system is used, ensuring high precision of movement of the indicator disc while keeping the power consumption low.



Applications:

- Distribution panels in powerplant, substations and plant rooms.
- Mimic panels for electrical systems, chemical and water industries.
- All different type of control panels in industry, institutions etc.

Benefits:

- Easy to fit using sleeve and knurled nut.
- Covering a wide input range for both AC and DC.
- Low power consumption.
- No need for external setting of "zero" position.

Features:

- Available in AC and DC voltages between 24 and 230 V.
- Screw terminals for up to 1.5 mm².
- Available in sizes: 24x24, 25x25, 36x36, Ø29, Ø39 mm.
- Suitable for panel thickness up to 12 mm.
- Provided with protection cover.
- Polycarbonate enclosure (IP 54 rated)

Position indicators

Front sizes

PI is available in size 24x24, 25x25, 36x36, Ø 29 and Ø 39 mm. Housing Ø 21.8 mm

Measuring movement

A moving magnet system is used in the Position Indicator. The movement is designed to achieve good precision of the position of the indicator disc and also to have low energy consumption. External zero-setting of the indicator disc is not required for this type of movement.

Connection

Cewe Instruments Position Indicators can be connected to DC or AC voltages between 24 and 230 V. Two voltage ranges are available.

Connection is made with screw connectors having a max. connection area of 1.5 mm².

Indicators for AC voltage

The indicators are made for DC voltage as standard. For connection to AC voltage a rectifier is connected in the indicator. The type designation for Position Indicators for connection to AC voltage is PIR.

Standards



The Position Indicator is made according to the following standards:

IEC 60051, IEC 50081-1, IEC 50082-1,

IEC 5008 1-2, IEC 50082-2, IEC 47300.

Personal security: EN 61010-1:2001 (Safety requirements for electrical equipment for measurement, control and laboratory use).

Measurement Category:	III
Max working voltage:	300 V
Insulation:	Reinforced
Material Group:	III
Pollution Degree:	3
Altitude:	max 2000 m
Working temperature:	-5 to +40 °C
Transport and storage temp:	-25 to +55 °C

	Warning: Live parts inside the Position Indicator. Always disconnect all wires carrying dangerous voltages if open the Instrument.
	Double insulation

Casing

Polycarbonate UL 94 VO

Enclosure code IP 54

Panel (standard) 0 – 12 mm

Accessories Art No.

Mounting tool 201100

For mosaic(Mimic panels)

Sleeve 121701

Example of Symbols

